

Report Date.: 07/18/97 09:55 AM
Request.....: I9707
Submitter....:
Request Type: ci
Activity : 7A14

Reported By...: LAFFOON, SUSAN
Date Submitted:
Date Received.: 07/01/97
Date Completed:
Approved By...: NOT APPROVED

Description.:

* DATA HAS NOT HAD FINAL REVIEW/APPROVAL: SUBJECT TO CHANGE *

Test Categories/Tests	CL6			CM6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	11.1	0.32	8	---		
FTC TPM, mg/cigt.	13.6	0.44	8	Complete		
FTC Nicotine, mg/cigt.	0.92	0.040	8	InTest		
FTC Water, mg/cigt.	1.58	0.200	8	InTest		
FTC Puffs/cigt.	8.5	0.25	8	8.8	0.19	7
Tar/Puff, mg	1.3			---		
Cigarette						
Total RTD, mm of H2O	121	6.9	25	115	8.1	25
Static Burn Time, min.	9.0	0.93	4	9.2	0.41	4
Length, mm	84.0	0.18	10	83.9	0.14	10
Circumference, mm	24.83	0.027	10	24.89	0.157	10
Paper						
Permeability, CORESTA Units	39	1.9	5	30	3.1	4
Filter						
RTD, mm of H2O	101	8.5	25	63	4.7	25
Length, mm	27.2	0.16	10	20.9	0.18	10
Weight, g	0.15			0.12		
Ventilation, %	23	2.5	24	10	2.1	25
Filler						
Total Alkaloids, % (DWB)	2.24			2.02		
Total Red. Sugars, % (DWB)	8.7			8.2		
Reconstituted Tob., %	25			25		
Expanded Stems, %	10			11		
Expanded Tob., %	5			10		
BBO, %	0			0		
Lamina, %	74			53		
Tobacco Weight, g	0.610			0.759		
Tobacco Weight, g (12.5% OV)	0.600			0.756		
Rod Density, g/cc	0.215			0.243		
Rod Length, mm	56.8			63.0		
Oven Volatiles, % (Equil.)	13.9			12.8		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	9.2			10.6		
Glycerin in Filler, %	2.7			2.4		
PG in Filler, %	1.2			0.3		
Firmness (Pack)						
Firmness, mm	3.32	0.093	3	2.81	0.117	3
Tobacco Weight, g	0.706	0.0040	3	0.757	0.0026	3
Oven Volatiles, %	13.12	0.045	3	13.03	0.059	3

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Test Categories/Tests	CM6B			CMS6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---	---	---	---	---	---
FTC TPM, mg/cigt.	20.0	1.05	8	Complete		
FTC Nicotine, mg/cigt.	Complete			InTest		
FTC Water, mg/cigt.	3.76	0.455	8	InTest		
FTC Puffs/cigt.	8.2	0.14	8	8.6	0.27	7
Tar/Puff, mg	---	---	---	---	---	---
Cigarette						
Total RTD, mm of H2O	112	5.7	25	115	6.5	25
Static Burn Time, min.	7.9	0.64	4	8.1	0.38	3
Length, mm	82.8	0.29	10	83.9	0.21	10
Circumference, mm	24.60	0.033	10	24.85	0.093	10
Paper						
Permeability, CORESTA Units	23	0.3	4	32	1.7	4
Filter						
RTD, mm of H2O	60	3.0	25	95	5.2	25
Length, mm	20.6	0.17	10	26.8	0.15	10
Weight, g	0.11			0.15		
Ventilation, %	7	2.0	23	22	2.8	25
Filler						
Total Alkaloids, % (DWB)	2.02			2.34		
Total Red. Sugars, % (DWB)	7.4			8.8		
Reconstituted Tob., %	21			24		
Expanded Stems, %	11			0		
Expanded Tob., %	10			5		
BBO, %	0			0		
Lamina, %	57			71		
Tobacco Weight, g	0.707			0.713		
Tobacco Weight, g (12.5% OV)	0.703			0.702		
Rod Density, g/cc	0.235			0.250		
Rod Length, mm	62.1			57.1		
Oven Volatiles, % (Equil.)	13.0			13.8		
Menthol						
Smoke, mg/cigt.	---	---	---	---	---	---
TPM, mg/cigt.	---	---	---	---	---	---
Puffs/Cigt.	---	---	---	---	---	---
Menthol/Puff, mg	---	---	---	---	---	---
Humectant/Plasticizer						
Triacetin in Filter, %	9.8			8.7		
Glycerin in Filler, %	2.1			2.9		
PG in Filler, %	0.3			1.2		
Firmness (Pack)						
Firmness, mm	2.75	0.106	3	2.94	0.147	3
Tobacco Weight, g	0.713	0.0086	3	0.713	0.0128	3
Oven Volatiles, %	12.71	0.128	3	13.10	0.125	3

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Test Categories/Tests	DL6			DL6M		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			---		
FTC TPM, mg/cigt.	Complete			Complete		
FTC Nicotine, mg/cigt.	0.55	0.016	7	InTest		
FTC Water, mg/cigt.	Complete			InTest		
FTC Puffs/cigt.	7.3	0.18	7	6.9	0.17	8
Tar/Puff, mg	---			---		
Cigarette						
Total RTD, mm of H2O	136	6.3	25	123	6.2	25
Static Burn Time, min.	8.0	0.20	4	7.7	0.86	4
Length, mm	83.9	0.23	10	83.3	0.13	10
Circumference, mm	24.99	0.068	10	25.01	0.082	10
Paper						
Permeability, CORESTA Units	20	2.7	5	26	1.6	5
Filter						
RTD, mm of H2O	108	4.9	25	101	6.3	25
Length, mm	27.1	0.25	10	26.8	0.25	10
Weight, g	0.16			0.16		
Ventilation, %	23	2.1	25	22	2.7	25
Filler						
Total Alkaloids, % (DWB)	1.78			1.72		
Total Red. Sugars, % (DWB)	9.2			10.0		
Reconstituted Tob., %	22			19		
Expanded Stems, %	18			15		
Expanded Tob., %	19			16		
BBO, %	0			0		
Lamina, %	41			50		
Tobacco Weight, g	0.645			0.637		
Tobacco Weight, g (12.5% OV)	0.638			0.628		
Rod Density, g/cc	0.226			0.223		
Rod Length, mm	56.8			56.6		
Oven Volatiles, % (Equil.)	13.5			13.7		
Menthol						
Smoke, mg/cigt.	---			0.34	0.016	8
TPM, mg/cigt.	---			10.3	0.44	8
Puffs/Cigt.	---			7.0	0.22	8
Menthol/Puff, mg	---			0.05		
Humectant/Plasticizer						
Triacetin in Filter, %	8.8			9.0		
Glycerin in Filler, %	3.1			3.3		
PG in Filler, %	0.4			0.5		
Firmness (Pack)						
Firmness, mm	3.10	0.112	3	3.05	0.260	3
Tobacco Weight, g	0.647	0.0032	3	0.644	0.0079	3
Oven Volatiles, %	13.66	0.044	3	13.81	0.140	3

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Test Categories/Tests	DL8			DL8M		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			9.9	0.55	9
FTC TPM, mg/cigt.	12.4	0.44	10	11.9	0.69	9
FTC Nicotine, mg/cigt.	Complete			0.67	0.049	9
FTC Water, mg/cigt.	1.54	0.449	10	1.36	0.168	9
FTC Puffs/cigt.	9.0	0.22	10	9.0	0.23	9
Tar/Puff, mg	---			1.1		
Cigarette						
Total RTD, mm of H2O	125	6.3	25	121	6.4	25
Static Burn Time, min.	7.9	0.22	4	7.6	0.15	4
Length, mm	98.9	0.25	10	98.7	0.18	10
Circumference, mm	24.94	0.091	10	24.92	0.048	10
Paper						
Permeability, CORESTA Units	26	0.9	4	26	1.9	5
Filter						
RTD, mm of H2O	95	5.2	25	97	6.6	25
Length, mm	30.8	0.13	10	31.1	0.25	10
Weight, g	0.18			0.18		
Ventilation, %	25	2.1	25	28	2.8	25
Filler						
Total Alkaloids, % (DWB)	1.81			1.81		
Total Red. Sugars, % (DWB)	9.9			10.1		
Reconstituted Tob., %	21			19		
Expanded Stems, %	19			15		
Expanded Tob., %	18			18		
BBO, %	0			0		
Lamina, %	43			49		
Tobacco Weight, g	0.762			0.766		
Tobacco Weight, g (12.5% OV)	0.750			0.761		
Rod Density, g/cc	0.223			0.227		
Rod Length, mm	68.1			67.7		
Oven Volatiles, % (Equil.)	13.8			13.1		
Menthol						
Smoke, mg/cigt.	---			0.40	0.021	8
TPM, mg/cigt.	---			12.1	0.48	8
Puffs/Cigt.	---			8.8	0.15	7
Menthol/Puff, mg	---			0.05		
Humectant/Plasticizer						
Triacetin in Filter, %	8.3			8.2		
Glycerin in Filler, %	3.1			3.1		
PG in Filler, %	0.4			0.4		
Firmness (Pack)						
Firmness, mm	3.14	0.083	3	3.26	0.031	3
Tobacco Weight, g	0.775	0.0067	3	0.771	0.0095	3
Oven Volatiles, %	13.75	0.254	3	13.47	0.060	3

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Test Categories/Tests	DO6			DO6M		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	12.5	0.36	8	---		
FTC TPM, mg/cigt.	16.5	0.44	8	Complete		
FTC Nicotine, mg/cigt.	0.78	0.037	8	InTest		
FTC Water, mg/cigt.	3.22	0.296	8	InTest		
FTC Puffs/cigt.	7.9	0.13	8	8.0	0.20	8
Tar/Puff, mg	1.6			---		
Cigarette						
Total RTD, mm of H2O	118	7.3	24	108	5.8	25
Static Burn Time, min.	7.8	0.28	4	7.4	0.58	4
Length, mm	83.7	0.17	10	84.4	0.22	10
Circumference, mm	24.86	0.055	10	24.93	0.050	10
Paper						
Permeability, CORESTA Units	25	0.4	5	22	1.7	5
Filter						
RTD, mm of H2O	71	4.9	25	64	3.6	25
Length, mm	20.8	0.38	10	20.7	0.21	10
Weight, g	0.11			0.11		
Ventilation, %	9	1.7	22	12	1.8	25
Filler						
Total Alkaloids, % (DWB)	1.82			1.82		
Total Red. Sugars, % (DWB)	10.2			9.6		
Reconstituted Tob., %	27			21		
Expanded Stems, %	15			15		
Expanded Tob., %	18			17		
BBO, %	0			0		
Lamina, %	40			47		
Tobacco Weight, g	0.719			0.702		
Tobacco Weight, g (12.5% OV)	0.707			0.692		
Rod Density, g/cc	0.228			0.220		
Rod Length, mm	62.9			63.7		
Oven Volatiles, % (Equil.)	13.9			13.7		
Menthol						
Smoke, mg/cigt.	---			InTest		
TPM, mg/cigt.	---			Complete		
Puffs/Cigt.	---			7.6	0.29	7
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	9.4			9.8		
Glycerin in Filler, %	3.1			3.0		
PG in Filler, %	0.4			0.4		
Firmness (Pack)						
Firmness, mm	3.28	0.150	3	3.24	0.076	3
Tobacco Weight, g	0.719	0.0080	3	0.706	0.0078	3
Oven Volatiles, %	13.66	0.131	3	13.14	0.182	3

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Test Categories/Tests	DO8			DO8M		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	12.0	0.55	9	12.6	0.42	8
FTC TPM, mg/cigt.	14.6	0.79	9	15.5	0.68	8
FTC Nicotine, mg/cigt.	0.77	0.035	9	0.80	0.032	8
FTC Water, mg/cigt.	1.83	0.252	9	2.12	0.260	8
FTC Puffs/cigt.	8.4	0.26	9	8.8	0.22	8
Tar/Puff, mg	1.4			1.4		
Cigarette						
Total RTD, mm of H2O	125	7.1	24	120	7.1	25
Static Burn Time, min.	7.4	0.13	4	7.2	0.53	3
Length, mm	98.9	0.15	10	98.6	0.17	10
Circumference, mm	25.03	0.037	10	24.89	0.048	10
Paper						
Permeability, CORESTA Units	24	1.8	5	27	2.5	5
Filter						
RTD, mm of H2O	80	4.8	25	75	4.1	25
Length, mm	30.7	0.32	10	30.7	0.29	10
Weight, g	0.16			0.16		
Ventilation, %	14	1.7	22	11	2.7	25
Filler						
Total Alkaloids, % (DWB)	1.86			1.75		
Total Red. Sugars, % (DWB)	8.8			10.4		
Reconstituted Tob., %	21			21		
Expanded Stems, %	14			15		
Expanded Tob., %	18			16		
BBO, %	0			0		
Lamina, %	47			48		
Tobacco Weight, g	0.756			0.768		
Tobacco Weight, g (12.5% OV)	0.748			0.754		
Rod Density, g/cc	0.220			0.226		
Rod Length, mm	68.2			67.8		
Oven Volatiles, % (Equil.)	13.4			14.1		
Menthol						
Smoke, mg/cigt.	---			0.46	0.025	8
TPM, mg/cigt.	---			16.0	0.35	8
Puffs/Cigt.	---			8.7	0.16	8
Menthol/Puff, mg	---			0.05		
Humectant/Plasticizer						
Triacetin in Filter, %	9.6			9.2		
Glycerin in Filler, %	3.0			2.9		
PG in Filler, %	0.4			0.4		
Firmness (Pack)						
Firmness, mm	3.46	0.205	2	3.38	0.093	3
Tobacco Weight, g	0.767	0.0057	3	0.777	0.0020	3
Oven Volatiles, %	13.85	0.173	3	13.95	0.191	3

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Test Categories/Tests	DU6			DU8		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			---		
FTC TPM, mg/cigt.	Complete			Complete		
FTC Nicotine, mg/cigt.	InTest			InTest		
FTC Water, mg/cigt.	InTest			InTest		
FTC Puffs/cigt.	8.0	0.15	8	9.0	0.13	6
Tar/Puff, mg	---			---		
Cigarette						
Total RTD, mm of H2O	95	7.9	25	118	9.6	25
Static Burn Time, min.	8.1	0.63	4	7.4	0.36	4
Length, mm	83.5	0.23	10	99.2	0.21	10
Circumference, mm	24.96	0.062	10	24.99	0.033	10
Paper						
Permeability, CORESTA Units	25	2.2	4	26	4.6	5
Filter						
RTD, mm of H2O	116	6.0	25	137	7.9	25
Length, mm	26.9	0.15	10	30.7	0.15	10
Weight, g	0.15			0.17		
Ventilation, %	60	3.2	25	54	5.2	25
Filler						
Total Alkaloids, % (DWB)	1.92			1.77		
Total Red. Sugars, % (DWB)	9.8			9.3		
Reconstituted Tob., %	23			22		
Expanded Stems, %	14			15		
Expanded Tob., %	18			18		
BBO, %	0			0		
Lamina, %	46			45		
Tobacco Weight, g	0.636			0.767		
Tobacco Weight, g (12.5% OV)	0.630			0.759		
Rod Density, g/cc	0.224			0.223		
Rod Length, mm	56.7			68.4		
Oven Volatiles, % (Equil.)	13.3			13.4		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	7.6			8.5		
Glycerin in Filler, %	3.0			2.9		
PG in Filler, %	0.4			0.4		
Firmness (Pack)						
Firmness, mm	3.23	0.055	3	3.32	0.275	3
Tobacco Weight, g	0.648	0.0074	3	0.767	0.0075	3
Oven Volatiles, %	13.55	0.127	3	13.62	0.047	3

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Test Categories/Tests	GPC6-BW			KN6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			---		
FTC TPM, mg/cigt.	Complete			Complete		
FTC Nicotine, mg/cigt.	InTest			InTest		
FTC Water, mg/cigt.	InTest			InTest		
FTC Puffs/cigt.	7.9	0.26	8	8.1	0.21	8
Tar/Puff, mg	---			---		
Cigarette						
Total RTD, mm of H2O	121	7.6	24	137	4.4	20
Static Burn Time, min.	7.8	0.53	4	7.5	0.16	4
Length, mm	83.3	0.14	10	83.7	0.17	10
Circumference, mm	24.89	0.035	10	24.79	0.054	10
Paper						
Permeability, CORESTA Units	15	2.7	5	36	1.7	5
Filter						
RTD, mm of H2O	68	5.1	25	90	3.2	25
Length, mm	21.0	0.19	10	21.0	0.24	10
Weight, g	0.11			0.14		
Ventilation, %	1	1.6	23	16	2.0	23
Filler						
Total Alkaloids, % (DWB)	1.91			2.26		
Total Red. Sugars, % (DWB)	7.1			7.9		
Reconstituted Tob., %	17			26		
Expanded Stems, %	11			0		
Expanded Tob., %	18			11		
BBO, %	1			0		
Lamina, %	54			63		
Tobacco Weight, g	0.692			0.760		
Tobacco Weight, g (12.5% OV)	0.683			0.752		
Rod Density, g/cc	0.222			0.245		
Rod Length, mm	62.4			62.7		
Oven Volatiles, % (Equil.)	13.6			13.4		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	10.1			9.2		
Glycerin in Filler, %	1.9			<0.2		
PG in Filler, %	1.6			<0.2		
Firmness (Pack)						
Firmness, mm	3.36	0.144	3	2.84	0.100	3
Tobacco Weight, g	0.696	0.0076	3	0.740	0.0129	3
Oven Volatiles, %	13.36	0.057	3	12.14	0.286	3

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Test Categories/Tests	KN8			MQ9		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	13.2	0.49	7	---		
FTC TPM, mg/cigt.	15.9	0.47	7			
FTC Nicotine, mg/cigt.	1.00	0.029	7	Rdy2Test		
FTC Water, mg/cigt.	1.68	0.095	7	Rdy2Test		
FTC Puffs/cigt.	9.2	0.14	7	Rdy2Test		
Tar/Puff, mg	1.4			---		
Cigarette						
Total RTD, mm of H2O	118	4.9	25	140	6.8	25
Static Burn Time, min.	7.6	0.22	4	Complete		
Length, mm	99.2	0.20	10	120.0	0.15	10
Circumference, mm	25.09	0.072	10	21.15	0.072	10
Paper						
Permeability, CORESTA Units	36	1.8	5	19	4.3	5
Filter						
RTD, mm of H2O	72	3.8	25	118	5.3	25
Length, mm	26.9	0.16	10	34.9	0.19	10
Weight, g	0.15			0.16		
Ventilation, %	17	1.9	23	46	3.1	25
Filler						
Total Alkaloids, % (DWB)	2.17			2.26		
Total Red. Sugars, % (DWB)	8.3			8.9		
Reconstituted Tob., %	24			10		
Expanded Stems, %	0			8		
Expanded Tob., %	9			13		
BBO, %	0			1		
Lamina, %	67			67		
Tobacco Weight, g	0.861			0.709		
Tobacco Weight, g (12.5% OV)	0.853			0.700		
Rod Density, g/cc	0.236			0.231		
Rod Length, mm	72.3			85.0		
Oven Volatiles, % (Equil.)	13.3			13.7		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	12.5			6.3		
Glycerin in Filler, %	2.2			2.2		
PG in Filler, %	0.9			1.2		
Firmness (Pack)						
Firmness, mm	2.76	0.108	3	2.84	0.090	3
Tobacco Weight, g	0.853	0.0061	3	0.719	0.0015	3
Oven Volatiles, %	12.30	0.139	3	13.27	0.104	3

Report Date.: 07/18/97 09:55 AM
Request.....: I9707
Submitter....:
Request Type: ci
Activity : 7A14

Reported By....: LAFFOON, SUSAN
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Date Completed:
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Description.:

* DATA HAS NOT HAD FINAL REVIEW/APPROVAL: SUBJECT TO CHANGE *

Test Categories/Tests	MO9M			MON6-BW		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			---		
FTC TPM, mg/cigt.	Rdy2Test			Complete		
FTC Nicotine, mg/cigt.	Rdy2Test			0.81	0.029	7
FTC Water, mg/cigt.	Rdy2Test			Complete		
FTC Puffs/cigt.	Rdy2Test			7.2	0.19	7
Tar/Puff, mg	---			---		
Cigarette						
Total RTD, mm of H2O	149	9.7	22	124	7.2	23
Static Burn Time, min.	8.9	0.47	4	7.7	0.39	4
Length, mm	119.8	0.19	10	83.3	0.18	10
Circumference, mm	21.12	0.051	10	24.97	0.058	10
Paper						
Permeability, CORESTA Units	24	4.6	5	23	1.8	5
Filter						
RTD, mm of H2O	126	8.0	25	72	4.5	25
Length, mm	35.0	0.31	10	20.9	0.33	10
Weight, g	0.16			0.11		
Ventilation, %	42	3.6	25	2	2.2	25
Filler						
Total Alkaloids, % (DWB)	2.41			1.72		
Total Red. Sugars, % (DWB)	9.9			7.2		
Reconstituted Tob., %	6			26		
Expanded Stems, %	10			15		
Expanded Tob., %	14			25		
BBO, %	0			0		
Lamina, %	70			34		
Tobacco Weight, g	0.710			0.637		
Tobacco Weight, g (12.5% OV)	0.710			0.633		
Rod Density, g/cc	0.236			0.204		
Rod Length, mm	84.8			62.4		
Oven Volatiles, % (Equil.)	12.4			13.0		
Menthol						
Smoke, mg/cigt.	0.60	0.025	8	---		
TPM, mg/cigt.	18.8	1.27	8	---		
Puffs/Cigt.	13.2	0.26	8	---		
Menthol/Puff, mg	0.05			---		
Humectant/Plasticizer						
Triacetin in Filter, %	6.2			9.5		
Glycerin in Filler, %	1.0			1.8		
PG in Filler, %	0.7			0.4		
Firmness (Pack)						
Firmness, mm	2.72	0.112	3	3.12	0.098	3
Tobacco Weight, g	0.723	0.0076	3	0.655	0.0031	3
Oven Volatiles, %	13.11	0.142	3	13.20	0.017	3

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Request Type: ci
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Description.:

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Test Categories/Tests	MON6M-BW			MON8-BW		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			12.2	0.59	8
FTC TPM, mg/cigt.	Complete			15.2	1.15	8
FTC Nicotine, mg/cigt.	InTest			0.79	0.026	8
FTC Water, mg/cigt.	InTest			2.21	0.578	8
FTC Puffs/cigt.	7.2	0.18	8	7.8	0.21	8
Tar/Puff, mg	---			1.6		
Cigarette						
Total RTD, mm of H2O	128	9.7	22	147	9.8	23
Static Burn Time, min.	8.0	0.18	4	7.4	0.13	4
Length, mm	83.6	0.19	8	98.5	0.27	10
Circumference, mm	24.83	0.035	10	24.82	0.046	10
Paper						
Permeability, CORESTA Units	23	3.7	5	24	0.5	5
Filter						
RTD, mm of H2O	69	5.2	23	76	5.2	25
Length, mm	20.8	0.29	10	30.7	0.31	10
Weight, g	0.11			0.16		
Ventilation, %	2	0.8	25	1	1.8	21
Filler						
Total Alkaloids, % (DWB)	1.80			1.83		
Total Red. Sugars, % (DWB)	7.8			8.0		
Reconstituted Tob., %	24			18		
Expanded Stems, %	21			21		
Expanded Tob., %	28			28		
BBO, %	0			0		
Lamina, %	27			32		
Tobacco Weight, g	0.633			0.716		
Tobacco Weight, g (12.5% OV)	0.630			0.710		
Rod Density, g/cc	0.204			0.213		
Rod Length, mm	62.8			67.8		
Oven Volatiles, % (Equil.)	12.9			13.2		
Menthol						
Smoke, mg/cigt.	0.50	0.028	8	---		
TPM, mg/cigt.	19.6	1.33	8	---		
Puffs/Cigt.	6.9	0.22	8	---		
Menthol/Puff, mg	0.07			---		
Humectant/Plasticizer						
Triacetin in Filter, %	9.8			10.4		
Glycerin in Filler, %	1.6			1.6		
PG in Filler, %	0.5			0.4		
Firmness (Pack)						
Firmness, mm	2.89	0.046	3	2.83	0.113	3
Tobacco Weight, g	0.648	0.0032	3	0.717	0.0031	3
Oven Volatiles, %	12.90	0.131	3	13.18	0.075	3

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Request Type: c1
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Description.:

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Test Categories/Tests	MONL6-BW			MONL6M-BW		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	9.9	0.47	8	---		
FTC TPM, mg/cigt.	12.4	0.68	8	Complete		
FTC Nicotine, mg/cigt.	0.65	0.025	8	InTest		
FTC Water, mg/cigt.	1.77	0.220	8	InTest		
FTC Puffs/cigt.	7.0	0.09	8	6.9	0.09	8
Tar/Puff, mg	1.4			---		
Cigarette						
Total RTD, mm of H2O	11.8	4.4	25	11.2	5.4	25
Static Burn Time, min.	7.6	0.29	4	8.0	0.22	4
Length, mm	83.6	0.20	10	83.5	0.16	10
Circumference, mm	24.88	0.028	10	24.94	0.059	10
Paper						
Permeability, CORESTA Units	27	3.6	5	22	2.0	5
Filter						
RTD, mm of H2O	84	2.8	25	81	4.4	25
Length, mm	26.8	0.26	10	26.8	0.24	10
Weight, g	0.14			0.14		
Ventilation, %	19	1.3	25	22	2.2	25
Filler						
Total Alkaloids, % (DWB)	1.86			1.75		
Total Red. Sugars, % (DWB)	7.9			7.2		
Reconstituted Tob., %	24			25		
Expanded Stems, %	19			18		
Expanded Tob., %	27			30		
BBO, %	0			0		
Lamina, %	30			27		
Tobacco Weight, g	0.585			0.597		
Tobacco Weight, g (12.5% OV)	0.583			0.595		
Rod Density, g/cc	0.208			0.212		
Rod Length, mm	56.8			56.7		
Oven Volatiles, % (Equil.)	12.8			12.7		
Menthol						
Smoke, mg/cigt.	---			InTest		
TPM, mg/cigt.	---			Complete		
Puffs/Cigt.	---			6.6	0.17	8
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	9.4			9.9		
Glycerin in Filler, %	1.7			1.6		
PG in Filler, %	0.4			0.5		
Firmness (Pack)						
Firmness, mm	2.89	0.061	3	2.95	0.168	3
Tobacco Weight, g	0.588	0.0071	3	0.591	0.0055	3
Oven Volatiles, %	13.00	0.129	3	13.00	0.060	3

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Request Type: ci
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Description.:

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Test Categories/Tests	MONL8-BW			MONL8M-BW		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	9.5	0.38	8	9.5	0.55	8
FTC TPM, mg/cigt.	11.3	0.47	8	11.4	0.68	8
FTC Nicotine, mg/cigt.	0.70	0.038	8	0.68	0.035	8
FTC Water, mg/cigt.	1.10	0.070	8	1.16	0.110	8
FTC Puffs/cigt.	8.9	0.15	8	8.7	0.20	8
Tar/Puff, mg	1.1			1.1		
Cigarette						
Total RTD, mm of H2O	100	7.4	25	99	5.7	25
Static Burn Time, min.	7.7	0.28	4	7.2	0.20	4
Length, mm	98.1	0.20	10	98.8	0.18	10
Circumference, mm	24.91	0.060	10	24.87	0.049	10
Paper						
Permeability, CORESTA Units	24	2.8	5	23	1.9	5
Filter						
RTD, mm of H2O	78	3.8	25	77	4.4	25
Length, mm	30.8	0.41	10	30.8	0.27	10
Weight, g	0.27			0.16		
Ventilation, %	35	3.4	24	34	2.6	23
Filler						
Total Alkaloids, % (DWB)	1.88			1.71		
Total Red. Sugars, % (DWB)	7.9			8.2		
Reconstituted Tob., %	22			18		
Expanded Stems, %	19			20		
Expanded Tob., %	27			25		
BBO, %	0			0		
Lamina, %	33			37		
Tobacco Weight, g	0.708			0.692		
Tobacco Weight, g (12.5% OV)	0.703			0.689		
Rod Density, g/cc	0.212			0.206		
Rod Length, mm	67.3			68.0		
Oven Volatiles, % (Equil.)	13.1			12.9		
Menthol						
Smoke, mg/cigt.	---			0.38	0.021	8
TPM, mg/cigt.	---			11.7	0.45	8
Puffs/Cigt.	---			8.6	0.34	8
Menthol/Puff, mg	---			0.04		
Humectant/Plasticizer						
Triacetin in Filter, %	9.8			9.2		
Glycerin in Filler, %	1.7			1.7		
PG in Filler, %	0.4			0.4		
Firmness (Pack)						
Firmness, mm	2.94	0.116	3	3.20	0.091	3
Tobacco Weight, g	0.707	0.0070	3	0.707	0.0085	3
Oven Volatiles, %	12.91	0.144	3	13.17	0.106	3

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Description.:

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Test Categories/Tests	MONU8-BW			NG4MB		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			---		
FTC TPM, mg/cigt.	5.1	0.19	6	Complete		
FTC Nicotine, mg/cigt.	Complete			InTest		
FTC Water, mg/cigt.	0.41	0.070	6	InTest		
FTC Puffs/cigt.	9.5	0.32	6	6.9	0.25	8
Tar/Puff, mg	---			---		
Cigarette						
Total RTD, mm of H2O	116	8.5	23	136	5.0	25
Static Burn Time, min.	7.7	0.22	4	7.9	0.20	4
Length, mm	98.8	0.20	10	79.8	0.43	10
Circumference, mm	24.82	0.100	10	25.11	0.065	10
Paper						
Permeability, CORESTA Units	27	3.2	5	32	2.2	5
Filter						
RTD, mm of H2O	128	7.5	25	111	4.8	25
Length, mm	30.8	0.16	10	25.0	0.17	10
Weight, g	0.17			0.16		
Ventilation, %	57	4.4	25	24	2.2	23
Filler						
Total Alkaloids, % (DWB)	1.90			2.84		
Total Red. Sugars, % (DWB)	7.3			10.3		
Reconstituted Tob., %	19			21		
Expanded Stems, %	24			0		
Expanded Tob., %	31			13		
BBO, %	0			0		
Lamina, %	27			66		
Tobacco Weight, g	0.665			0.641		
Tobacco Weight, g (12.5% OV)	0.662			0.637		
Rod Density, g/cc	0.199			0.231		
Rod Length, mm	67.8			54.8		
Oven Volatiles, % (Equil.)	12.8			13.1		
Menthol						
Smoke, mg/cigt.	---			InTest		
TPM, mg/cigt.	---			Complete		
Puffs/Cigt.	---			6.7	0.25	8
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	8.9			9.3		
Glycerin in Filler, %	1.6			2.4		
PG in Filler, %	0.4			0.7		
Firmness (Pack)						
Firmness, mm	2.63	0.087	3	2.87	0.040	3
Tobacco Weight, g	0.711	0.0040	3	0.653	0.0021	3
Oven Volatiles, %	12.82	0.118	3	12.14	0.068	3

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Test Categories/Tests	NO8			NW4MB		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			---		
FTC TPM, mg/cigt.	Complete			Complete		
FTC Nicotine, mg/cigt.	InTest			InTest		
FTC Water, mg/cigt.	InTest			InTest		
FTC Puffs/cigt.	8.0	0.17	8	7.8	0.23	8
Tar/Puff, mg	---			---		
Cigarette						
Total RTD, mm of H2O	99	4.4	25	129	8.5	25
Static Burn Time, min.	6.4	0.12	4	8.1	0.08	4
Length, mm	98.4	0.17	10	79.6	0.08	10
Circumference, mm	24.87	0.117	10	24.96	0.045	10
Paper						
Permeability, CORESTA Units	23	4.0	5	16	1.9	5
Filter						
RTD, mm of H2O	139	6.5	25	69	5.2	25
Length, mm	30.8	0.10	10	20.6	0.34	10
Weight, g	0.18			0.12		
Ventilation, %	68	1.5	25	2	0.8	25
Filler						
Total Alkaloids, % (DWB)	2.65			2.49		
Total Red. Sugars, % (DWB)	6.6			9.5		
Reconstituted Tob., %	11			26		
Expanded Stems, %	6			0		
Expanded Tob., %	51			13		
BBO, %	0			0		
Lamina, %	32			62		
Tobacco Weight, g	0.591			0.706		
Tobacco Weight, g (12.5% OV)	0.599			0.694		
Rod Density, g/cc	0.180			0.237		
Rod Length, mm	67.6			59.0		
Oven Volatiles, % (Equil.)	11.4			13.9		
Menthol						
Smoke, mg/cigt.	---			0.41	0.014	8
TPM, mg/cigt.	---			21.3	0.60	8
Puffs/Cigt.	---			7.5	0.19	8
Menthol/Puff, mg	---			0.05		
Humectant/Plasticizer						
Triacetin in Filter, %	8.5			10.9		
Glycerin in Filler, %	0.2			2.4		
PG in Filler, %	0.3			0.7		
Firmness (Pack)						
Firmness, mm	2.64	0.040	3	2.71	0.051	3
Tobacco Weight, g	0.600	0.0017	3	0.693	0.0074	3
Oven Volatiles, %	11.75	0.092	2	12.23	0.040	3

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Test Categories/Tests	NW6M			SG6M		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	16.0	0.54	8	---		
FTC TPM, mg/cigt.	21.2	0.70	8	Complete		
FTC Nicotine, mg/cigt.	1.22	0.024	8	InTest		
FTC Water, mg/cigt.	3.97	0.263	8	InTest		
FTC Puffs/cigt.	8.3	0.23	8	8.3	0.32	8
Tar/Puff, mg	1.9			---		
Cigarette						
Total RTD, mm of H2O	120	6.3	25	125	6.2	25
Static Burn Time, min.	7.7	0.51	4	7.8	0.54	4
Length, mm	84.3	0.12	10	83.5	0.09	10
Circumference, mm	24.99	0.063	10	24.85	0.061	10
Paper						
Permeability, CORESTA Units	19	1.4	5	46	5.1	5
Filter						
RTD, mm of H2O	67	2.9	25	106	6.4	25
Length, mm	20.8	0.21	10	27.1	0.24	10
Weight, g	0.21			0.16		
Ventilation, %	1	0.6	25	26	1.8	25
Filler						
Total Alkaloids, % (DWB)	2.42			2.37		
Total Red. Sugars, % (DWB)	8.8			9.3		
Reconstituted Tob., %	26			12		
Expanded Stems, %	0			8		
Expanded Tob., %	12			10		
BBO, %	0			0		
Lamina, %	62			70		
Tobacco Weight, g	0.752			0.663		
Tobacco Weight, g (12.5% OV)	0.740			0.660		
Rod Density, g/cc	0.234			0.238		
Rod Length, mm	63.5			56.5		
Oven Volatiles, % (Equil.)	13.9			12.8		
Menthol						
Smoke, mg/cigt.	0.44	0.023	8	InTest		
TPM, mg/cigt.	22.3	0.67	8	Complete		
Puffs/Cigt.	8.0	0.09	8	8.1	0.30	8
Menthol/Puff, mg	0.05			---		
Humectant/Plasticizer						
Triacetin in Filter, %	11.1			8.1		
Glycerin in Filler, %	2.4			2.0		
PG in Filler, %	0.9			0.5		
Firmness (Pack)						
Firmness, mm	2.89	0.356	3	3.26	0.175	3
Tobacco Weight, g	0.740	0.0064	3	0.678	0.0031	3
Oven Volatiles, %	12.48	0.242	3	13.46	0.106	3

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Test Categories/Tests	SG8M			SL6M		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			16.5	0.78	8
FTC TPM, mg/cigt.	11.1	0.87	9	22.6	1.42	8
FTC Nicotine, mg/cigt.	Complete			1.16	0.054	8
FTC Water, mg/cigt.	0.92	0.211	9	4.95	0.662	8
FTC Puffs/cigt.	11.8	0.69	9	8.0	0.15	8
Tar/Puff, mg	---			2.1		
Cigarette						
Total RTD, mm of H2O	106	6.6	25	113	5.9	25
Static Burn Time, min.	9.6	0.32	3	7.6	0.34	4
Length, mm	98.5	0.08	10	83.6	0.14	10
Circumference, mm	24.97	0.048	10	24.97	0.054	10
Paper						
Permeability, CORESTA Units	26	2.4	5	26	1.3	5
Filter						
RTD, mm of H2O	112	9.8	25	60	4.3	25
Length, mm	30.8	0.19	9	20.9	0.34	10
Weight, g	0.18			0.12		
Ventilation, %	46	2.3	25	0	1.2	25
Filler						
Total Alkaloids, % (DWB)	2.14			2.33		
Total Red. Sugars, % (DWB)	10.0			7.1		
Reconstituted Tob., %	10			14		
Expanded Stems, %	7			11		
Expanded Tob., %	10			8		
BBO, %	0			0		
Lamina, %	73			67		
Tobacco Weight, g	0.791			0.729		
Tobacco Weight, g (12.5% OV)	0.786			0.723		
Rod Density, g/cc	0.234			0.233		
Rod Length, mm	67.7			62.7		
Oven Volatiles, % (Equil.)	13.0			13.2		
Menthol						
Smoke, mg/cigt.	0.52	0.025	8	0.54	0.029	8
TPM, mg/cigt.	11.7	0.68	8	22.5	1.27	8
Puffs/Cigt.	11.3	0.68	8	7.8	0.26	8
Menthol/Puff, mg	0.05			0.07		
Humectant/Plasticizer						
Triacetin in Filter, %	8.4			10.0		
Glycerin in Filler, %	1.5			2.7		
PG in Filler, %	0.4			0.3		
Firmness (Pack)						
Firmness, mm	3.32	0.085	3	3.32	0.049	3
Tobacco Weight, g	0.791	0.0187	3	0.746	0.0072	3
Oven Volatiles, %	13.25	0.185	3	13.62	0.035	3

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Request.....: I9707
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Request Type: ci
Activity : 7A14

Reported By...: LAFFOON,SUSAN
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Description.:

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Test Categories/Tests	SL8M			SS8MB		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	18.3	0.43	8	---		
FTC TPM, mg/cigt.	22.4	0.68	8	Complete		
FTC Nicotine, mg/cigt.	1.44	0.050	8	InTest		
FTC Water, mg/cigt.	2.71	0.261	8	InTest		
FTC Puffs/cigt.	10.6	0.19	8	8.0	0.26	8
Tar/Puff, mg	1.7			---		
Cigarette						
Total RTD, mm of H2O	109	4.9	25	116	6.8	25
Static Burn Time, min.	9.1	0.64	4	6.8	0.15	4
Length, mm	99.2	0.11	10	97.8	0.14	10
Circumference, mm	24.97	0.053	10	22.77	0.098	9
Paper						
Permeability, CORESTA Units	30	5.4	5	41	3.9	5
Filter						
RTD, mm of H2O	69	3.7	25	99	6.9	25
Length, mm	27.0	0.43	10	30.8	0.29	10
Weight, g	0.14			0.16		
Ventilation, %	14	2.6	25	39	3.6	25
Filler						
Total Alkaloids, % (DWB)	2.29			2.38		
Total Red. Sugars, % (DWB)	6.7			8.8		
Reconstituted Tob., %	11			14		
Expanded Stems, %	15			8		
Expanded Tob., %	8			14		
BBO, %	0			0		
Lamina, %	66			63		
Tobacco Weight, g	0.848			0.653		
Tobacco Weight, g (12.5% OV)	0.838			0.651		
Rod Density, g/cc	0.234			0.235		
Rod Length, mm	72.2			67.0		
Oven Volatiles, % (Equil.)	13.5			12.8		
Menthol						
Smoke, mg/cigt.	0.56	0.013	8	0.57	0.011	8
TPM, mg/cigt.	22.7	0.57	8	11.4	0.30	8
Puffs/Cigt.	10.7	0.25	8	8.6	0.17	8
Menthol/Puff, mg	0.05			0.07		
Humectant/Plasticizer						
Triacetin in Filter, %	9.6			7.5		
Glycerin in Filler, %	2.6			1.9		
PG in Filler, %	0.3			0.3		
Firmness (Pack)						
Firmness, mm	3.43	0.036	3	2.92	0.017	3
Tobacco Weight, g	0.857	0.0070	3	0.660	0.0047	3
Oven Volatiles, %	13.76	0.029	3	13.20	0.206	3

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Description.:

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Test Categories/Tests	SU8M			TU6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	5.9	0.36	8	---		
FTC TPM, mg/cigt.	7.1	0.38	8	Complete		
FTC Nicotine, mg/cigt.	0.57	0.025	8	InTest		
FTC Water, mg/cigt.	0.61	0.260	8	InTest		
FTC Puffs/cigt.	10.9	0.33	8	8.0	0.19	6
Tar/Puff, mg	0.5			---		
Cigarette						
Total RTD, mm of H2O	116	5.2	25	65	5.4	25
Static Burn Time, min.	7.8	0.40	4	7.3	0.27	4
Length, mm	99.2	0.15	10	83.5	0.12	10
Circumference, mm	25.04	0.066	10	24.96	0.042	10
Paper						
Permeability, CORESTA Units	26	3.8	5	37	1.7	5
Filter						
RTD, mm of H2O	139	6.6	25	90	9.2	23
Length, mm	30.9	0.27	10	24.9	0.21	10
Weight, g	0.18			0.17		
Ventilation, %	53	2.9	25	61	2.6	25
Filler						
Total Alkaloids, % (DWB)	2.32			2.70		
Total Red. Sugars, % (DWB)	10.1			6.3		
Reconstituted Tob., %	11			20		
Expanded Stems, %	10			0		
Expanded Tob., %	13			13		
BBO, %	0			0		
Lamina, %	66			67		
Tobacco Weight, g	0.779			0.673		
Tobacco Weight, g (12.5% OV)	0.775			0.669		
Rod Density, g/cc	0.228			0.230		
Rod Length, mm	68.2			58.5		
Oven Volatiles, % (Equil.)	12.9			13.0		
Menthol						
Smoke, mg/cigt.	0.36	0.014	8	---		
TPM, mg/cigt.	7.6	0.45	8	---		
Puffs/Cigt.	Complete			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	8.1			10.1		
Glycerin in Filler, %	1.5			2.5		
PG in Filler, %	0.4			0.9		
Firmness (Pack)						
Firmness, mm	3.40	0.090	3	2.76	0.075	3
Tobacco Weight, g	0.779	0.0021	3	0.668	0.0045	3
Oven Volatiles, %	13.46	0.007	2	11.96	0.207	3

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Test Categories/Tests	VE6			VE8		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	---			8.7	0.47	9
FTC TPM, mg/cigt.	Complete			10.5	0.62	9
FTC Nicotine, mg/cigt.	InTest			0.77	0.044	9
FTC Water, mg/cigt.	InTest			0.96	0.174	9
FTC Puffs/cigt.	8.5	0.20	6	11.0	0.30	9
Tar/Puff, mg	---			0.8		
Cigarette						
Total RTD, mm of H2O	116	4.6	25	123	4.0	25
Static Burn Time, min.	8.3	0.50	4	8.1	0.19	4
Length, mm	83.9	0.16	10	98.5	0.22	10
Circumference, mm	24.96	0.053	10	24.83	0.041	10
Paper						
Permeability, CORESTA Units	25	1.7	5	27	1.3	5
Filter						
RTD, mm of H2O	103	5.6	25	122	6.1	25
Length, mm	27.0	0.12	10	31.0	0.29	10
Weight, g	0.28			0.33		
Ventilation, %	40	1.8	25	52	2.1	25
Filler						
Total Alkaloids, % (DWB)	2.37			2.36		
Total Red. Sugars, % (DWB)	8.8			9.3		
Reconstituted Tob., %	11			9		
Expanded Stems, %	8			8		
Expanded Tob., %	13			14		
BBO, %	0			0		
Lamina, %	68			69		
Tobacco Weight, g	0.667			0.795		
Tobacco Weight, g (12.5% OV)	0.658			0.782		
Rod Density, g/cc	0.233			0.236		
Rod Length, mm	56.9			67.5		
Oven Volatiles, % (Equil.)	13.7			13.9		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	14.6			11.0		
Glycerin in Filler, %	2.2			2.0		
PG in Filler, %	1.2			1.1		
Firmness (Pack)						
Firmness, mm	3.27	0.115	3	3.12	0.042	3
Tobacco Weight, g	0.663	0.0265	3	0.805	0.0035	3
Oven Volatiles, %	13.51	0.076	3	13.93	0.010	3

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Test Categories/Tests	VU8			WL6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	4.7	0.35	8	10.3	0.48	7
FTC TPM, mg/cigt.	5.8	0.43	8	12.5	0.61	7
FTC Nicotine, mg/cigt.	0.46	0.029	8	0.81	0.032	7
FTC Water, mg/cigt.	0.59	0.211	8	1.45	0.132	7
FTC Puffs/cigt.	9.8	0.26	8	7.9	0.21	7
Tar/Puff, mg	0.5			1.3		
Cigarette						
Total RTD, mm of H2O	124	5.4	25	124	7.1	25
Static Burn Time, min.	8.1	0.28	4	8.5	0.39	4
Length, mm	98.6	0.14	10	83.8	0.20	10
Circumference, mm	24.85	0.075	10	24.93	0.056	10
Paper						
Permeability, CORESTA Units	27	3.7	5	36	1.2	5
Filter						
RTD, mm of H2O	149	7.8	25	96	5.4	25
Length, mm	30.8	0.16	10	27.0	0.23	10
Weight, g	0.18			0.15		
Ventilation, %	57	2.4	25	20	3.1	25
Filler						
Total Alkaloids, % (DWB)	2.27			2.32		
Total Red. Sugars, % (DWB)	8.3			9.5		
Reconstituted Tob., %	13			8		
Expanded Stems, %	6			8		
Expanded Tob., %	20			13		
BBO, %	0			0		
Lamina, %	61			70		
Tobacco Weight, g	0.722			0.653		
Tobacco Weight, g (12.5% OV)	0.717			0.645		
Rod Density, g/cc	0.215			0.230		
Rod Length, mm	67.8			56.8		
Oven Volatiles, % (Equil.)	13.1			13.6		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	8.9			9.0		
Glycerin in Filler, %	2.0			2.2		
PG in Filler, %	0.3			1.2		
Firmness (Pack)						
Firmness, mm	3.17	0.305	3	3.08	0.110	3
Tobacco Weight, g	0.735	0.0087	3	0.658	0.0066	3
Oven Volatiles, %	13.51	0.064	3	13.25	0.067	3

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Test Categories/Tests	WL8			WN6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	10.5	0.48	8	---		
FTC TPM, mg/cigt.	12.2	0.53	8	Complete		
FTC Nicotine, mg/cigt.	0.90	0.039	8	InTest		
FTC Water, mg/cigt.	0.81	0.111	8	InTest		
FTC Puffs/cigt.	10.4	0.26	8	8.5	0.24	6
Tar/Puff, mg	1.0			---		
Cigarette						
Total RTD, mm of H2O	115	8.9	23	101	5.3	25
Static Burn Time, min.	InTest			7.8	0.17	4
Length, mm	98.4	0.24	10	83.9	0.19	10
Circumference, mm	24.90	0.048	10	24.88	0.068	10
Paper						
Permeability, CORESTA Units	33	5.1	4	24	3.0	5
Filter						
RTD, mm of H2O	92	5.3	23	63	3.9	25
Length, mm	30.9	0.39	10	20.9	0.42	10
Weight, g	0.17			0.12		
Ventilation, %	39	5.1	23	23	2.7	25
Filler						
Total Alkaloids, % (DWB)	2.20			2.09		
Total Red. Sugars, % (DWB)	8.9			10.0		
Reconstituted Tob., %	11			13		
Expanded Stems, %	13			11		
Expanded Tob., %	11			13		
BBO, %	0			0		
Lamina, %	65			63		
Tobacco Weight, g	0.791			0.711		
Tobacco Weight, g (12.5% OV)	0.793			0.717		
Rod Density, g/cc	0.238			0.231		
Rod Length, mm	67.6			63.0		
Oven Volatiles, % (Equil.)	12.3			11.8		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	9.1			8.7		
Glycerin in Filler, %	<0.2			<0.2		
PG in Filler, %	<0.2			<0.2		
Firmness (Pack)						
Firmness, mm	2.96	0.051	3	2.88	0.056	3
Tobacco Weight, g	0.805	0.0093	3	0.722	0.0064	3
Oven Volatiles, %	13.09	0.083	3	12.73	0.119	3

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Test Categories/Tests	WN8			WS6		
	Average	StdDev	N	Average	StdDev	N
Smoke						
FTC Tar, mg/cigt.	14.7	0.86	9	---		
FTC TPM, mg/cigt.	17.6	0.43	9	16.6	1.33	8
FTC Nicotine, mg/cigt.	1.21	0.046	9	Complete		
FTC Water, mg/cigt.	1.71	0.693	9	1.87	0.322	8
FTC Puffs/cigt.	10.0	0.23	9	8.7	0.42	8
Tar/Puff, mg	1.5			---		
Cigarette						
Total RTD, mm of H2O	122	5.9	25	102	6.1	25
Static Burn Time, min.	7.7	0.38	4	7.5	0.54	4
Length, mm	99.2	0.12	10	83.7	0.20	10
Circumference, mm	24.94	0.083	10	24.89	0.035	10
Paper						
Permeability, CORESTA Units	44	5.4	5	23	2.8	5
Filter						
RTD, mm of H2O	65	4.5	25	63	4.5	25
Length, mm	27.1	0.59	10	21.0	0.25	10
Weight, g	0.15			0.08		
Ventilation, %	9	2.7	25	20	3.3	25
Filler						
Total Alkaloids, % (DWB)	2.14			2.09		
Total Red. Sugars, % (DWB)	9.3			9.3		
Reconstituted Tob., %	14			18		
Expanded Stems, %	12			14		
Expanded Tob., %	11			13		
BBO, %	0			0		
Lamina, %	63			54		
Tobacco Weight, g	0.864			0.716		
Tobacco Weight, g (12.5% OV)	0.870			0.720		
Rod Density, g/cc	0.244			0.233		
Rod Length, mm	72.1			62.7		
Oven Volatiles, % (Equil.)	11.9			12.1		
Menthol						
Smoke, mg/cigt.	---			---		
TPM, mg/cigt.	---			---		
Puffs/Cigt.	---			---		
Menthol/Puff, mg	---			---		
Humectant/Plasticizer						
Triacetin in Filter, %	8.9			9.2		
Glycerin in Filler, %	0.2			<0.2		
PG in Filler, %	<0.2			<0.2		
Firmness (Pack)						
Firmness, mm	2.63	0.026	3	3.09	0.131	3
Tobacco Weight, g	0.862	0.0025	3	0.719	0.0032	3
Oven Volatiles, %	13.01	0.072	3	13.31	0.148	3

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Test Categories/Tests	WSL6	Average	StdDev	N	WU8	Average	StdDev	N
Smoke								
FTC Tar, mg/cigt.		---				---		
FTC TPM, mg/cigt.		12.2	0.84	8		Complete		
FTC Nicotine, mg/cigt.		Complete				InTest		
FTC Water, mg/cigt.		0.92	0.124	8		InTest		
FTC Puffs/cigt.		8.7	0.34	8		9.4	0.27	8
Tar/Puff, mg		---				---		
Cigarette								
Total RTD, mm of H2O		109	4.6	25		119	4.6	25
Static Burn Time, min.		8.9	0.24	4		7.2	0.11	4
Length, mm		83.6	0.24	10		98.6	0.14	10
Circumference, mm		24.85	0.071	10		24.82	0.049	10
Paper								
Permeability, CORESTA Units		27	2.3	5		44	5.3	5
Filter								
RTD, mm of H2O		84	5.2	25		143	7.4	22
Length, mm		26.9	0.23	10		30.7	0.17	10
Weight, g		0.14				0.18		
Ventilation, %		25	2.4	25		56	1.5	25
Filler								
Total Alkaloids, % (DWB)		2.22				2.46		
Total Red. Sugars, % (DWB)		9.4				8.0		
Reconstituted Tob., %		13				10		
Expanded Stems, %		12				9		
Expanded Tob., %		12				18		
BBO, %		0				0		
Lamina, %		63				63		
Tobacco Weight, g		0.678				0.733		
Tobacco Weight, g (12.5% OV)		0.681				0.736		
Rod Density, g/cc		0.245				0.221		
Rod Length, mm		56.7				67.8		
Oven Volatiles, % (Equil.)		12.1				12.1		
Menthol								
Smoke, mg/cigt.		---				---		
TPM, mg/cigt.		---				---		
Puffs/Cigt.		---				---		
Menthol/Puff, mg		---				---		
Humectant/Plasticizer								
Triacetin in Filter, %		9.6				8.2		
Glycerin in Filler, %		<0.2				<0.2		
PG in Filler, %		<0.2				<0.2		
Firmness (Pack)								
Firmness, mm		2.59	0.072	3		2.93	0.140	3
Tobacco Weight, g		0.701	0.0015	3		0.738	0.0080	3
Oven Volatiles, %		12.71	0.087	3		12.80	0.040	3

Notations:

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WL8, WS6, and WSL6 expanded tob. was slightly higher this testing.
E.T. is now avg. 11% previously 8%.
WS6 and WSL6 blend increased in all three components (recon,es, and
et). WN6 and WN8 recon
decreased. Both from 20%, to 12% (WN6),and 14% (WN8).

StdDev WARNING	CM6	CIRC	0.16	> Desired of	0.15
StdDev WARNING	DU8	PERM	4.78	> Desired of	4.00
StdDev WARNING	DU8	TOTAL-RTD	9.57	> Desired of	9.00
StdDev WARNING	DU8	VENT	5.23	> Desired of	5.00
StdDev WARNING	MO9	PERM	4.31	> Desired of	4.00
StdDev WARNING	MO9M	PERM	4.60	> Desired of	4.00
StdDev WARNING	NG4MB	CIG-LEN	0.43	> Desired of	0.40
StdDev WARNING	NO8	PERM	4.02	> Desired of	4.00
StdDev WARNING	NW6M	PACK-CFLRM	0.36	> Desired of	0.30
StdDev WARNING	SG8M	PLUG-RTD	9.82	> Desired of	9.00
StdDev WARNING	SL8M	PERM	5.39	> Desired of	4.00
StdDev WARNING	TU6	PLUG-RTD	9.15	> Desired of	9.00
StdDev WARNING	VE6	PACK-CTBWT	0.03	> Desired of	0.02
StdDev WARNING	VU8	PACK-CFLRM	0.31	> Desired of	0.30
StdDev WARNING	WL8	VENT	5.11	> Desired of	4.50
StdDev WARNING	WN8	FLT-LEN	0.59	> Desired of	0.50

cc: Susan Laffoon